



FCC PART 15.236 TEST REPORT

On Behalf of
Yiwu Lietan Import and Export Co., Ltd

Room 302, Unit 2, Building 25, Siji Second District, Beiyuan Street,

Yiwu City, Zhejiang, China

FCC ID: 2BR96-MW-6

Model: MW-6

September 18, 2025

This Report Concerns:

☒ Original Report

Equipment Type:

Wireless Microphone System

Test Methods

FCC Rules and Regulations Part 15 Subpart C Section 15.236,
ANSI C63.10-2020

Test Engineer:

Zekka Yin/ *zekka · Yin*

Report Number:

QCT25IR-0218E-01

Test Date:

September 01, 2025 ~ September 18, 2025

Test Result:

Pass

Reviewed By:

Vincent Yang / *Vincent Yang*

Approved By:

Kendy Wang / *Kendy Wang*

Prepared By:

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Revision History of This Test Report

[illegible]



1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Description:	Wireless Microphone System
Model No.:	MW-6, MW-8, TW-4, TX-5, MT-6
Tested Model:	MW-6
Sample(s) Status:	Engineer sample
Packet Type:	N/A
Operation Frequency:	560.000-590.000MHZ
Channel numbers:	30
Channel separation:	1MHz
Modulation type:	Digital modulation
Antenna Type:	Spring antenna
Antenna gain*1:	0dBi
Power supply:	DC 3.7V by battery or DC 5V by adapter
Trade Mark:	N/A
Applicant:	Yiwu Lietan Import and Export Co., Ltd
Address:	Room 302, Unit 2, Building 25, Siji Second District, Beiyuan Street, Yiwu City, Zhejiang, China
Manufacturer:	Yiwu Lietan Import and Export Co., Ltd
Address:	Room 302, Unit 2, Building 25, Siji Second District, Beiyuan Street, Yiwu City, Zhejiang, China
Sample No.:	Y25I0218E01YN

Note: *1 This information provided by Manufacturer, SZ QC Lab is not responsible for the accuracy of this information.



1.2 System Test Configuration

1.2.1 Channel List

Operation Frequency each of channel					
Channel	Frequency	Channel	Frequency	Channel	Frequency
1	560.5MHZ	11	570.5 MHz	21	580.5 MHz
2	561.5 MHz	12	571.5 MHz	22	581.5 MHz
3	562.5 MHz	13	572.5 MHz	23	582.5 MHz
4	563.5 MHz	14	573.5 MHz	24	583.5 MHz
5	564.5 MHz	15	574.5 MHz	25	584.5 MHz
6	565.5 MHz	16	575.5 MHz	26	585.5 MHz
7	566.5 MHz	17	576.5 MHz	27	586.5 MHz
8	567.5 MHz	18	577.5 MHz	28	587.5 MHz
9	568.5 MHz	19	578.5 MHz	29	588.5 MHz
10	569.5 MHz	20	579.5MHz	30	589.5 MHz



Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	560.5MHz
The middle channel	574.5MHz
The Highest channel	589.5MHz

1.2.2 EUT Exercise Software

N/A

1.2.3 Support Equipment

Manufacturer	Description	Model	Remark
Adapter	VIVO	BK0724	Adapter
Un-Known	USB Cable	Un-Known	Un-Known

1.2.4 Test mode and test voltage

Transmitting mode: Keep the EUT in continuously transmitting.

Test voltage: DC 3.7V by battery or DC 5V by adapter



1.3 Test Facility

Test Firm : Shenzhen QC Testing Laboratory Co., Ltd.

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19. The testing quality system of our laboratory meets with ISO/IEC-17025 requirements. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS – Registration No.: L8464

The EMC Laboratory has been accredited by CNAS, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

A2LA Certificate Number: 6759.01

The EMC Laboratory has been accredited by A2LA, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

FCC Registration Number: 561109

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission.

IC Registration Number: 29628

CAB identifier: CN0141

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada.

1.4 Measurement Uncertainty

Parameter	Uncertainty
Occupied Channel Bandwidth	$\pm 1.42 \times 10^{-4}\%$
RF output power, conducted	$\pm 1.06\text{dB}$
Unwanted Emissions, conducted	$\pm 2.51\text{dB}$
AC Power Line Conducted Emission	$\pm 1.80\text{dB}$
Radiated Spurious Emission test (9kHz-30MHz)	$\pm 2.66\text{dB}$
Radiated Spurious Emission test (30MHz-1000MHz)	$\pm 4.04\text{dB}$
Radiated Spurious Emission test (1000MHz-18000MHz)	$\pm 4.70\text{ dB}$
Radiated Spurious Emission test (18GHz-40GHz)	$\pm 4.80\text{dB}$
Temperature	$\pm 0.8^{\circ}\text{C}$
Humidity	$\pm 3.2\%$
DC and low frequency voltages	$\pm 0.1\%$

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$



2. Summary of Test Results

Item	FCC Rules	Description Of Test	Result
1	FCC Part 15.207	Conducted Emission	Pass
2	FCC Part 15.236(d)(1)	Maximum radiated power	Pass
3	FCC Part 15.236(f)(2)	Occupied bandwidth	Pass
4	FCC Part 15.236(f)(3)	Frequency stability	Pass
5	FCC Part 15.236(g)	Emissions within the band	Pass
6	FCC Part 15.236(g)	Emissions outside of this band	Pass
7	FCC Part 15.203	Antenna Requirement	Pass

Note: 1. In the configuration tested, the EUT complied with the standards specified above.

2. Test according to ANSI C63.10-2020

3. All indications of Pass/Fail in this report are opinions expressed by Shenzhen QC Testing Laboratory Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.



3. List of Test and Measurement Instruments

3.1 Conducted Emission Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due
1	EMI Test Receiver	Rohde&Schwarz	ESIB 7	2277573376	2025.03.17	2026.03.16
2	EMI Test Receiver	Rohde&Schwarz	ESCI3	101820	2025.08.06	2026.08.05
3	Artificial Mains Network	SCHWARZBECK	NSLK8126	8126200	2025.08.06	2026.08.05
4	PULSE LIMITER	Rohde&Schwarz	ESH3-Z2	100058	2025.03.18	2026.03.17

Conducted Emission Measurement Software: TS+ JS32-CE Ver 5.0.0

3.2 Radiated Emission Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due
1.	EMI Test Receiver	Rohde&Schwarz	ESIB 7	2277573376	2025.03.17	2026.03.16
2.	EMI Test Receiver	Rohde&Schwarz	ESPI3	101131	2025.03.17	2026.03.16
3.	Spectrum Analyzer	Rohde&Schwarz	FSV 40	101458	2025.03.18	2026.03.17
4.	TRILOG Broadband Test-Antenna	SCHWARZBECK	VULB9168	VULB9168-588	2025.03.22	2026.03.21
5.	Loop Antenna	EMCO	6502	2133	2025.03.19	2026.03.18
6.	horn antenna	SCHWARZBECK	BBHA9120D	2069	2024.08.10	2025.08.09
7.	Horn Antenna	COM-MW	ZLB7-18-40G-950	12221225	2024.08.10	2026.08.09
8.	Pre-amplifier	MITEQ	TTA0001-18	2063645	2025.03.17	2026.03.16
9.	Pre-amplifier	MITEQ	TTA1800-30-HG	2063644	2025.03.17	2026.03.16
10.	Pre-amplifier	COM-MW	DLAN-18000-40000-02	10229104	2025.03.22	2026.03.21
11.	966 Camber	ZhongYU	9*6*6	/	2023.05.08	2026.05.07

Radiated Emission Measurement Software: EZ_EMC Ver QCT03A2 RE+



3.3 RF Conducted test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due
1.	Wideband Radio Communication Tester	Rohde & Schwarz	CW500	151583	2025.03.18	2026.03.17
2.	Spectrum Analyzer	ROHDE&SCHWARZ	FSV 40	101458	2025.03.18	2026.03.17
3.	Signal Generator	Agilent	N5182A	MY50141563	2025.03.18	2026.03.17
4.	RF Automatic Test System	MW	MW100-RFCB/ MW100-PSB	MW2007004	2025.03.18	2026.03.17

RF Conducted Measurement Software: MTS 8310 Ver 2.0.0.0

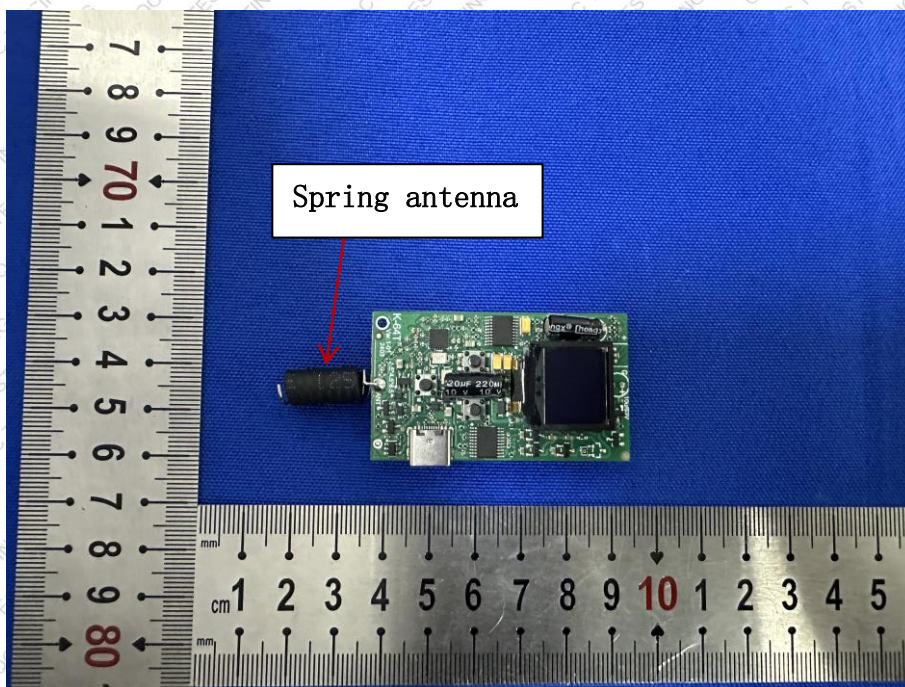
4. Antenna requirement

Standard requirement: FCC Part15 C Section 15.203

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna: The Ant is Spring antenna, the best case gain of the antenna is 0dBi, reference to the Internal photo for details.



5. Conducted Emissions

5.1 Applicable Standard

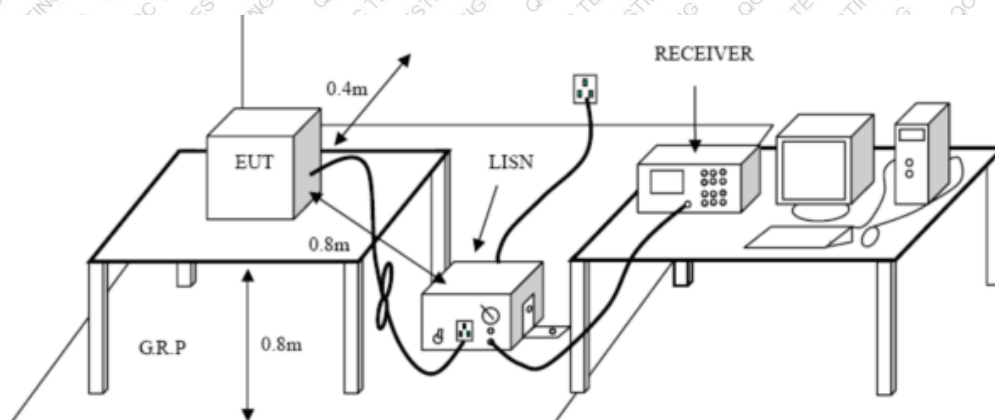
FCC Part15 C Section 15.207

5.2 Limit

Frequency range (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

Note *: The level decreases linearly with the logarithm of the frequency.

5.3 Test setup



5.4 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

RBW=9 kHz, VBW=30 kHz, Sweep time=auto

5.5 Test procedure

1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.
2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).
3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2020 on conducted measurement.

5.6 Test Data

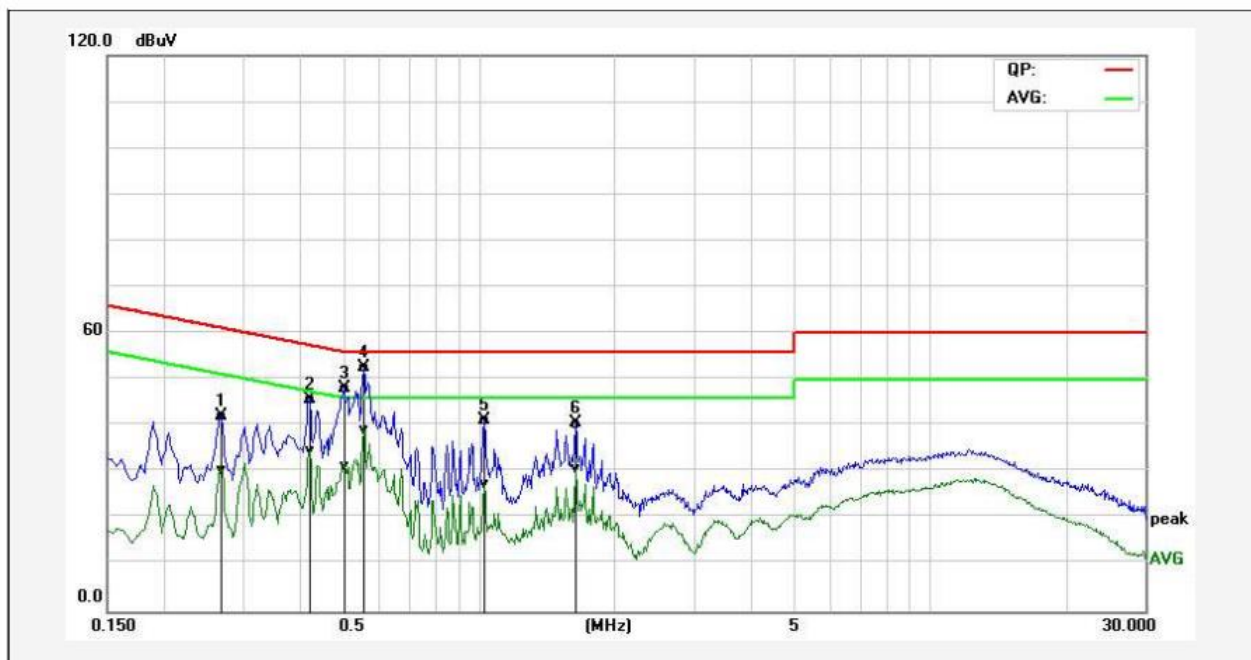
Temperature	26.1°C	Humidity	59%
ATM Pressure	101.1kPa	Antenna Gain	0dBi
Test by	Zekka Yin	Test result	PASS



Measurement data:

Pre-scan all test modes, found worst case at 589.5MHz TX, and so only show the test result of 589.5MHz TX.

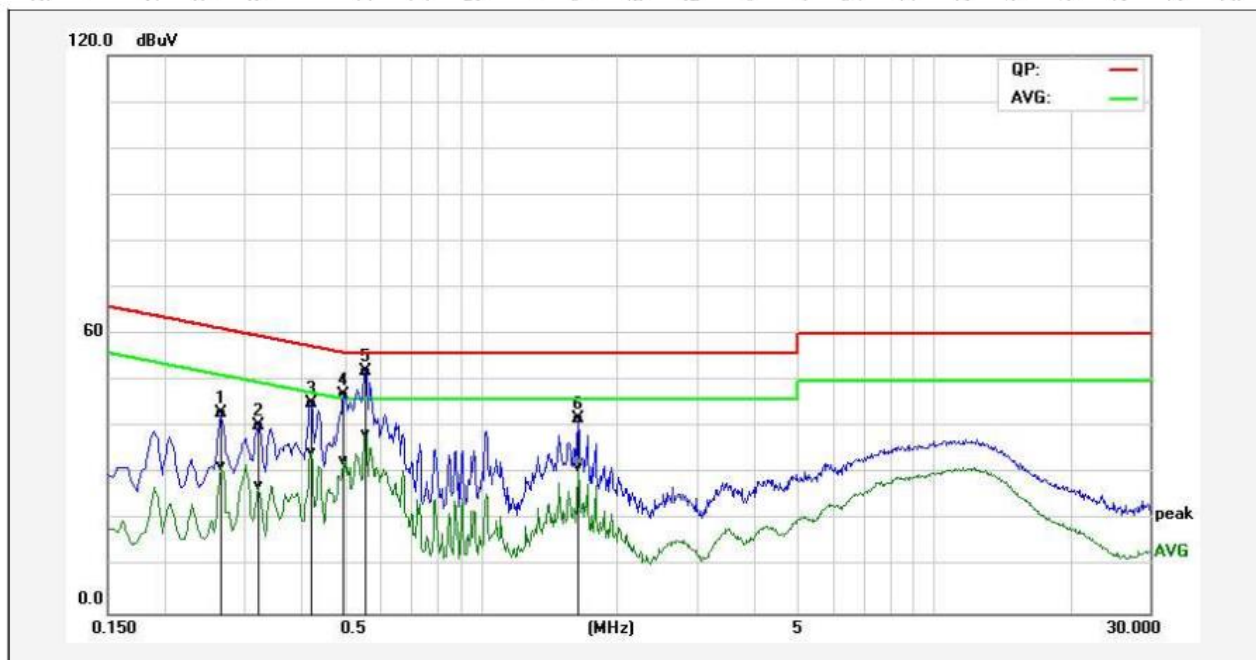
Line:



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1P	0.2700	31.50	19.79	10.73	42.23	30.52	61.12	51.12	-18.89	-20.60	Pass
2P	0.4220	34.95	23.82	10.86	45.81	34.68	57.41	47.41	-11.60	-12.73	Pass
3P	0.5020	37.41	20.60	10.87	48.28	31.47	56.00	46.00	-7.72	-14.53	Pass
4*	0.5580	41.79	28.43	10.87	52.66	39.30	56.00	46.00	-3.34	-6.70	Pass
5P	1.0300	30.17	16.37	10.97	41.14	27.34	56.00	46.00	-14.86	-18.66	Pass
6P	1.6420	29.38	19.77	11.12	40.50	30.89	56.00	46.00	-15.50	-15.11	Pass



Neutral:



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1P	0.2660	32.27	20.81	10.74	43.01	31.55	61.24	51.24	-18.23	-19.69	Pass
2P	0.3220	29.51	16.76	10.74	40.25	27.50	59.65	49.66	-19.40	-22.16	Pass
3P	0.4220	34.44	23.94	10.86	45.30	34.80	57.41	47.41	-12.11	-12.61	Pass
4P	0.4980	36.11	21.91	10.87	46.98	32.78	56.03	46.03	-9.05	-13.25	Pass
5*	0.5580	41.30	27.60	10.87	52.17	38.47	56.00	46.00	-3.83	-7.53	Pass
6P	1.6420	30.59	20.29	11.12	41.71	31.41	56.00	46.00	-14.29	-14.59	Pass

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

6. Output Power

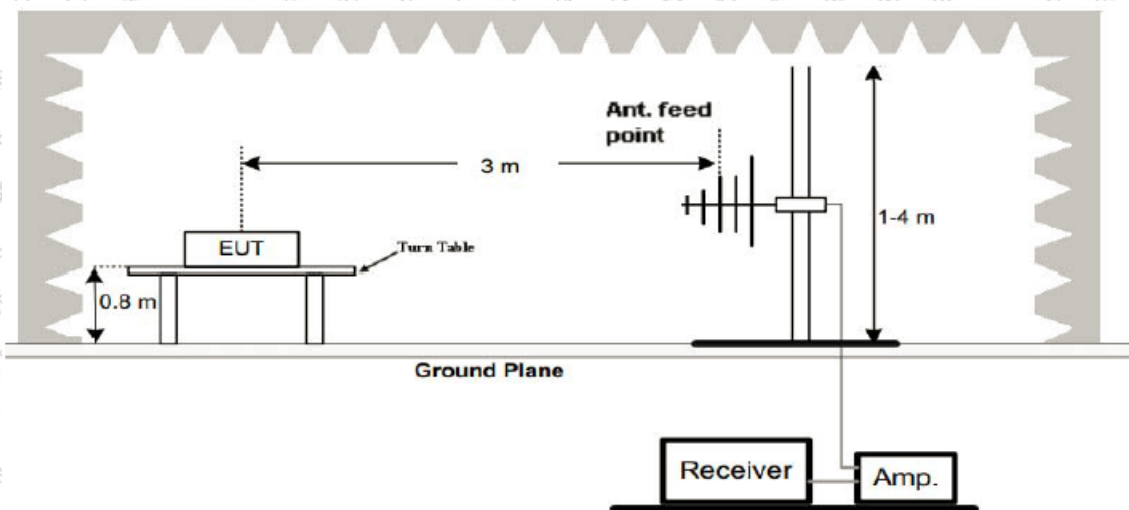
6.1 TEST LIMIT

The power may not exceed the following values.

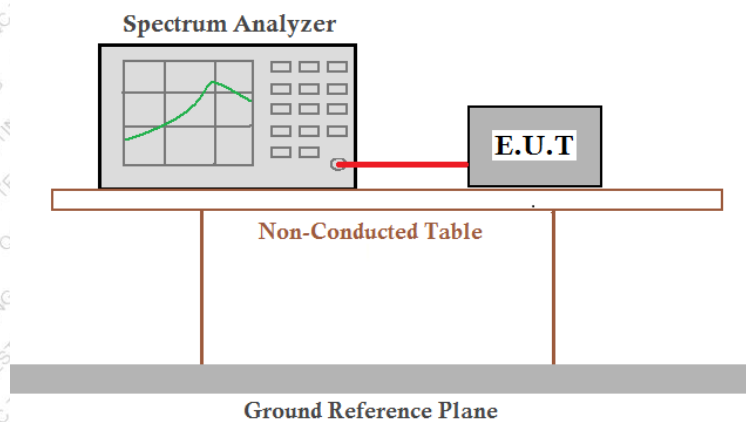
470-608 MHz bands: 50 mW EIRP

6.2 TEST SETUP

☐ EIRP Test Method



☒ Conducted Power Test Method



6.3 TEST PROCEDURE

☐ EIRP Test Method

1. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. $EIRP [dBm] = E[dB(\mu V)/m] - 95.3$
- 4.7dB shall be added as an upper bound on the field strength that would be observed on a test range with a ground plane for frequencies between 30MHz and 1000MHz, or an additional 6dB shall be added for frequencies below 30 MHz.

☒ Conducted Power Test Method

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. $RBW \geq OBW$.
3. $VBW \geq 3 \times RBW$.
4. $Span \geq 2 \times OBW$.
5. Sweep time $\geq 10 \times$ (number of points in sweep) $\times$ (transmission symbol period)
6. Detector function: Peak.
7. Trace: Max hold.
8. Allow trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power, after any corrections for external attenuators and cables.

Note: For battery operated equipment, the equipment tests shall be performed using a new battery.

6.4 TEST RESULT

PASS

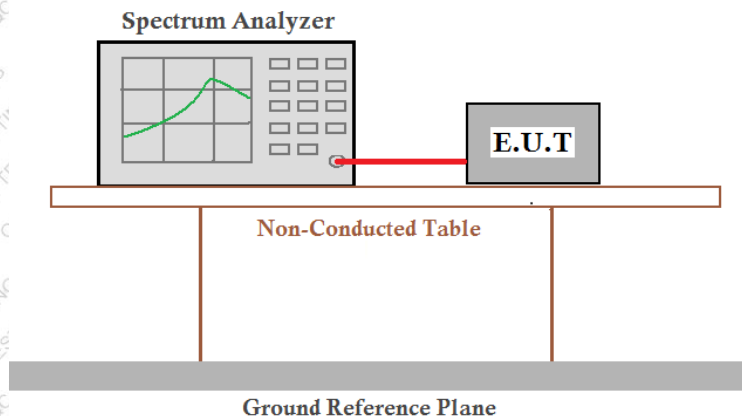
Test Channel	frequency (MHz)	Conducted Output Power (dBm)	ANT Gain (dBi)	EIRP (dBm)	Limit (dBm)
CH01	560.5	2.852	0	2.852	17
CH14	574.5	3.143	0	3.143	17
CH30	589.5	3.740	0	3.740	17

7. Occupied Bandwidth

7.1 TEST LIMIT

The operating bandwidth shall not exceed 200 kHz.

7.2 Test setup

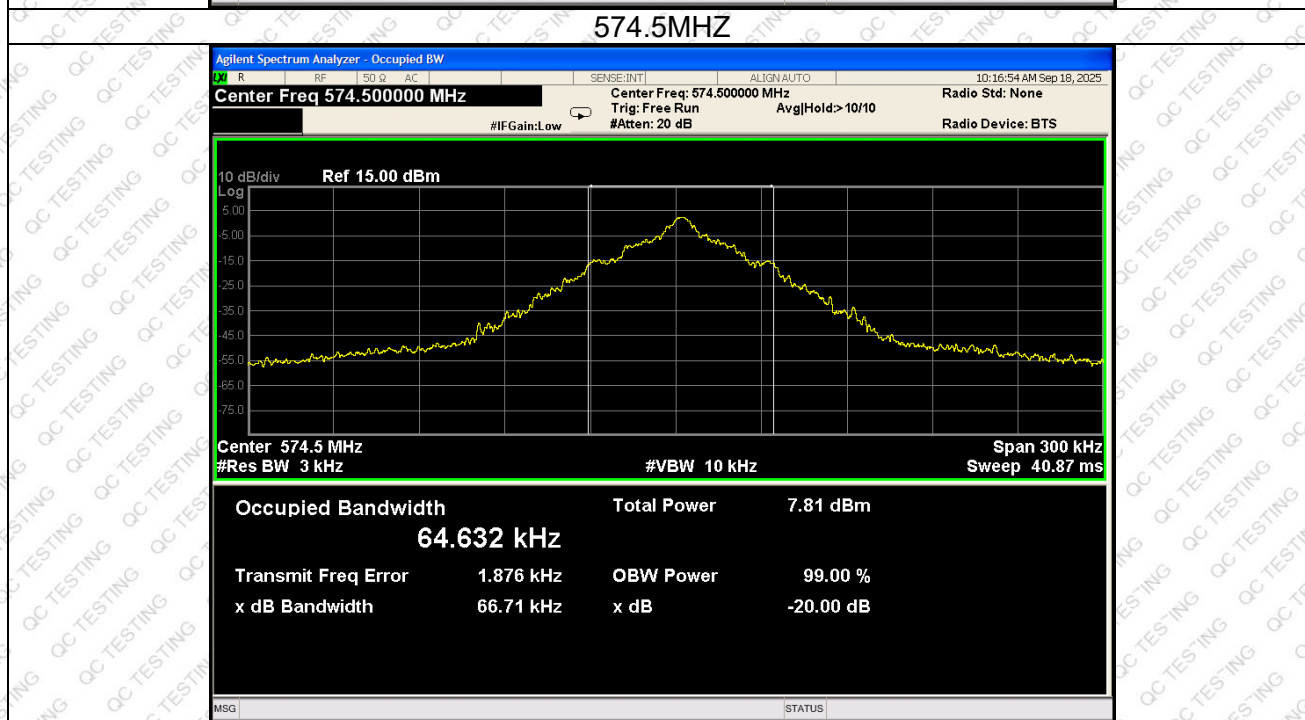
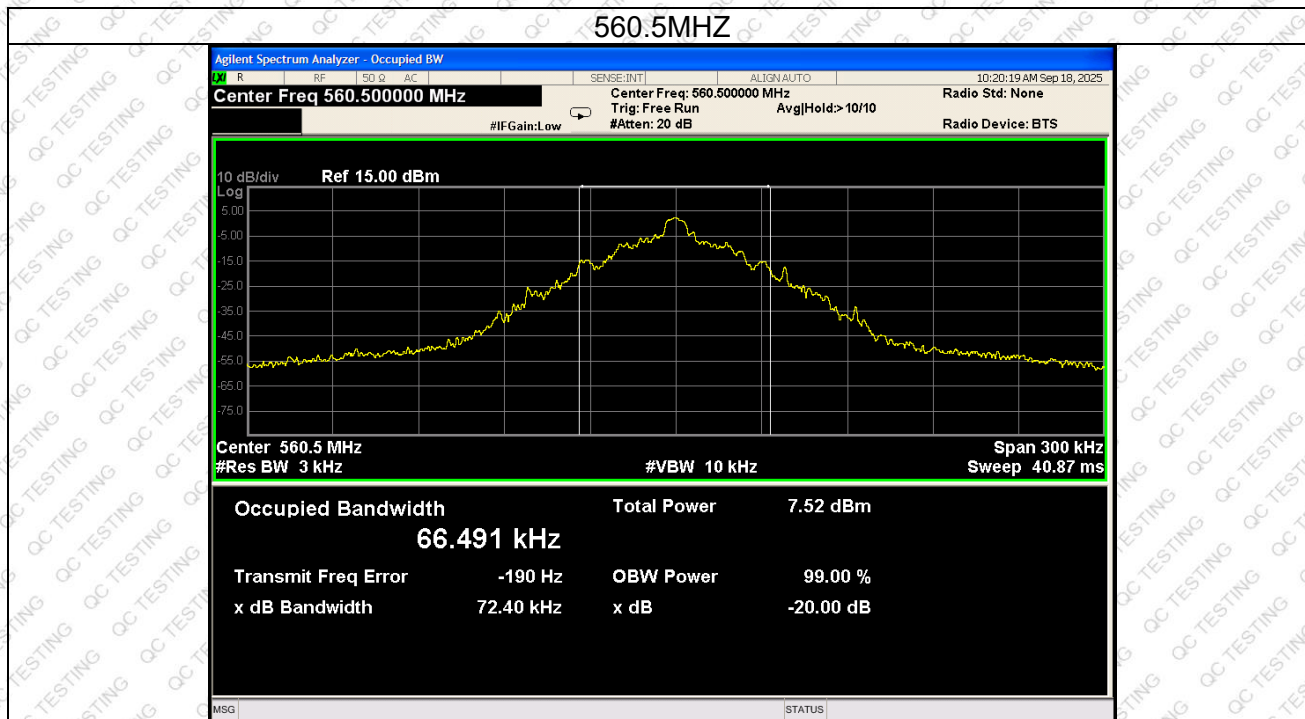


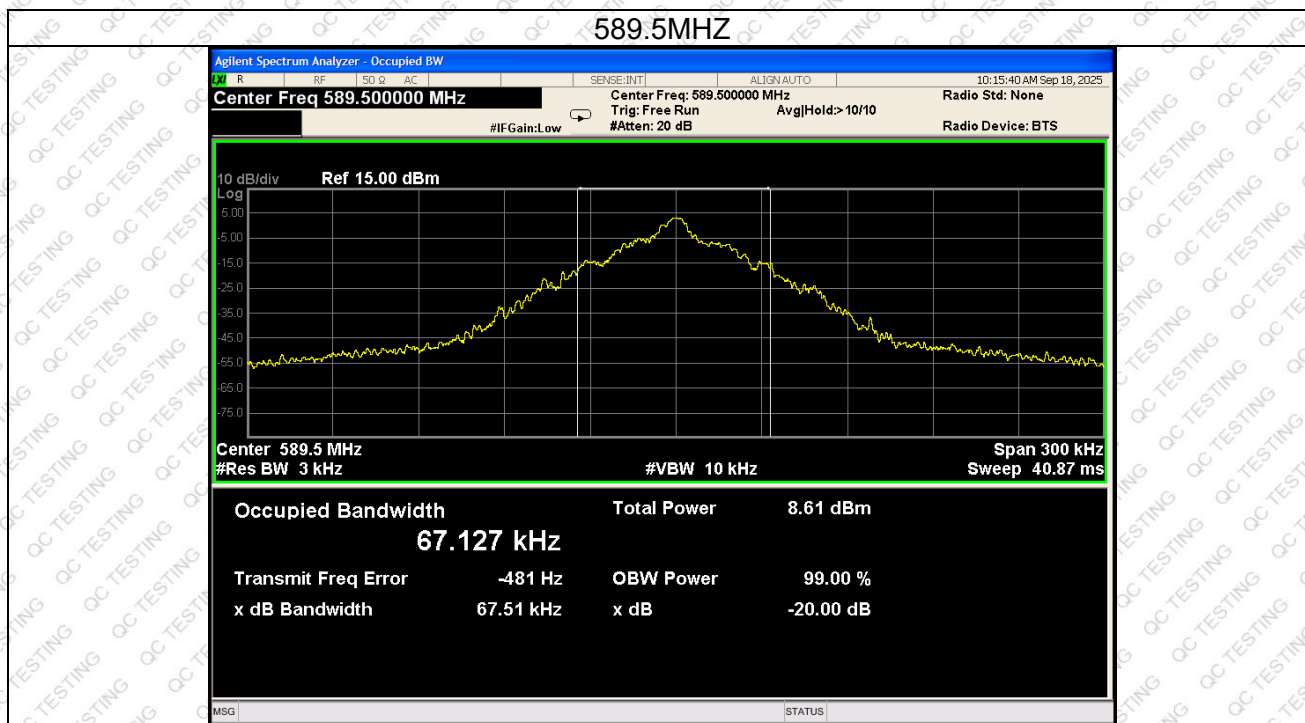
7.3 MEASUREMENT PROCEDURE

1. For the occupied bandwidth measurements, the input signal shall be a 1 kHz tone. The level of the tone shall be set to the manufacturer's maximum rated input to the modulator.
2. Set the EUT Work on operation frequency.
3. Set Span = approximately 1.5 times the occupied bandwidth, centered on a channel
The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW; Sweep = auto; Detector function = peak
4. Set SPA Trace 1 Max hold, then View.

7.4 TEST RESULT

Test Channel	Frequency	-20dBc EBW (kHz)	99% OBW (kHz)	Limit (kHz)
CH01	560.5MHz	72.40	66.491	200
CH15	574.5	66.71	64.632	200
CH30	589.5	67.51	67.127	200





8. FREQUENCY STABILITY

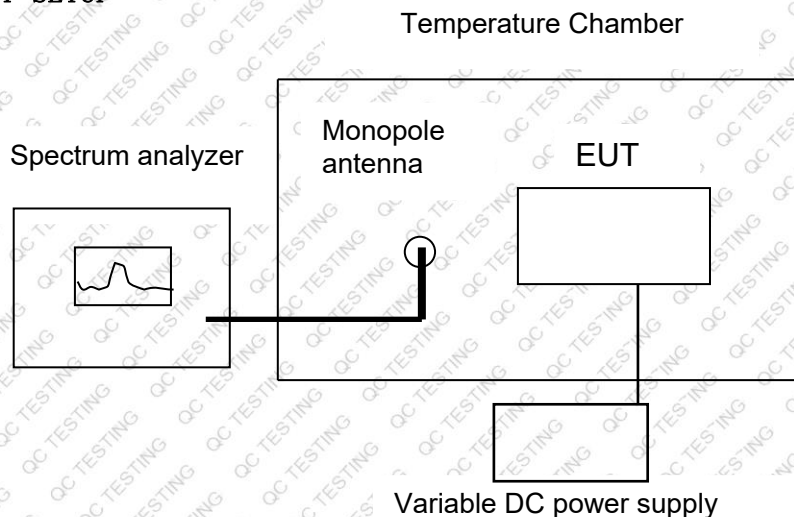
8.1 TEST LIMIT

The frequency tolerance of the carrier signal shall be maintained within $\pm 0.005\%$ of the operating frequency over a temperature variation of -30 degrees to $+50$ degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

8.2 MEASUREMENT PROCEDURE

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the operation frequency.
3. Set SPA Centre Frequency = Operation Frequency, RBW= 1 KHz, VBW $\geq 3 \times$ RBW.
4. Set SPA Trace 1 Max hold, then View.
5. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
6. Extreme temperature rule is $-30^{\circ}\text{C} \sim 50^{\circ}\text{C}$.

8.3 TEST SETUP





8.4 TEST RESULT

Note: All modes have been tested, and only the worst mode is recorded.

Test frequency: 560.5MHz

Voltage vs. Frequency Stability (Test Temperature: 20°C)

Voltage(V)	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit (MHz)	Conclusion
3.33	560.5721	0.0126	0.03	PASS
3.7	560.5720			
4.07	560.5726			

Temperature vs. Frequency Stability (Test Voltage: 3.7V)

Temperature	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit (MHz)	Conclusion
-30°C	560.5721	0.0128	0.03	PASS
-20°C	560.5726			
-10°C	560.5728			
0°C	560.5724			
10°C	560.5725			
20°C	560.5720			
30°C	560.5723			
40°C	560.5725			
50°C	560.5724			



Test frequency: 574.5MHz

Voltage vs. Frequency Stability (Test Temperature: 20℃)

Voltage(V)	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit (MHz)	Conclusion
3.33	574.5654	0.0054	0.03	PASS
3.7	574.5650			
4.07	574.5653			

Temperature vs. Frequency Stability (Test Voltage: 3.7V)

Temperature	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit (MHz)	Conclusion
-30℃	574.5655	0.0059	0.03	PASS
-20℃	574.5658			
-10℃	574.5659			
0℃	574.5653			
10℃	574.5656			
20℃	574.5650			
30℃	574.5653			
40℃	574.5652			
50℃	574.5654			



Test frequency: 589.5MHz

Voltage vs. Frequency Stability (Test Temperature: 20℃)

Voltage(V)	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit (MHz)	Conclusion
3.33	589.5685	0.0087	0.03	PASS
3.7	589.5680			
4.07	589.5687			

Temperature vs. Frequency Stability (Test Voltage: 3V)

Temperature	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit (MHz)	Conclusion
-30℃	589.5682	0.0088	0.03	PASS
-20℃	589.5684			
-10℃	589.5685			
0℃	589.5688			
10℃	589.5683			
20℃	589.5680			
30℃	589.5681			
40℃	589.5684			
50℃	589.5682			

9. EMISSIONS WITHIN THE BAND AND OUTSIDE THE BAND

9.1 TEST LIMIT

Emissions within the band from one megahertz below to one megahertz above the carrier frequency shall comply with the emission mask in §8.3 of ETSI EN 300 422-1 V1.4.2 (2011-08).

Emissions outside of this band shall comply with the limits specified in section 8.4 of ETSI EN 300 422-1 V1.4.2 (2011-08).

9.2 MEASUREMENT PROCEDURE

Emission outside the band:

1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. $EIRP [dBm] = E[dB(\mu V)/m] - 95.2$

The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP
Start ~Stop Frequency	1000MHz~6000MHz/RB 1MHz for QP

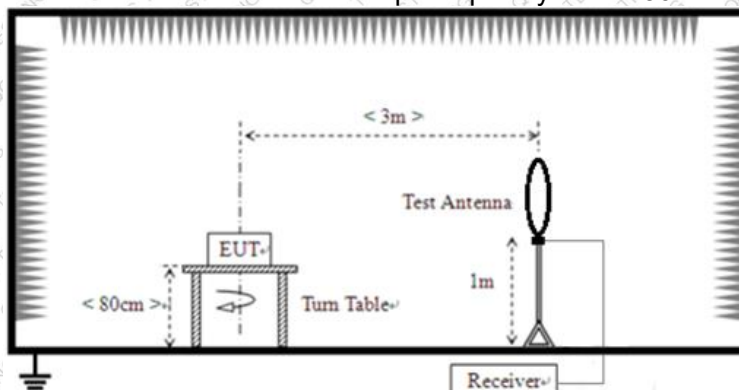
Emission within the band:

- ☒ Method of Measurement for Analogue Systems in ETSI EN 300 422-1 Subclass 8.3.1
☐ Method of Measurement for Digital Systems in ETSI EN 300 422-1 Subclass 8.3.2

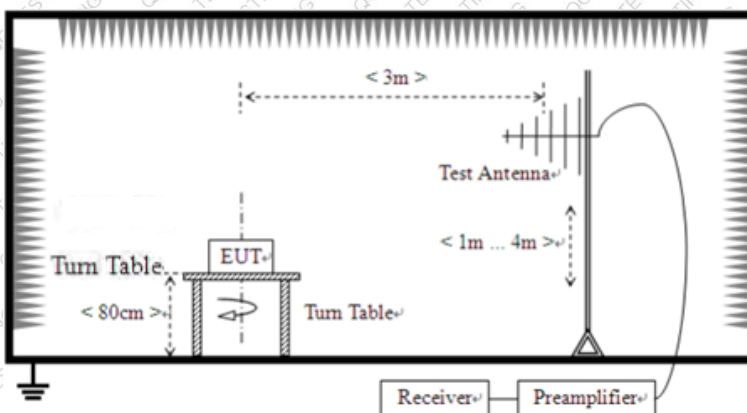
9.3 TEST SETUP

Emission outside the band

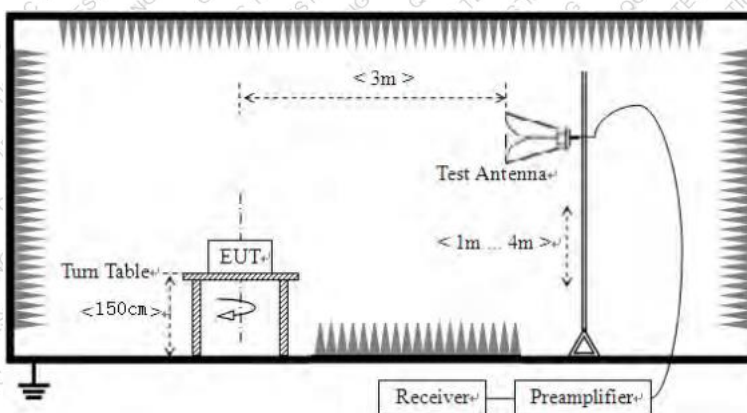
Radiated Emission Test-Setup Frequency Below 30MHz



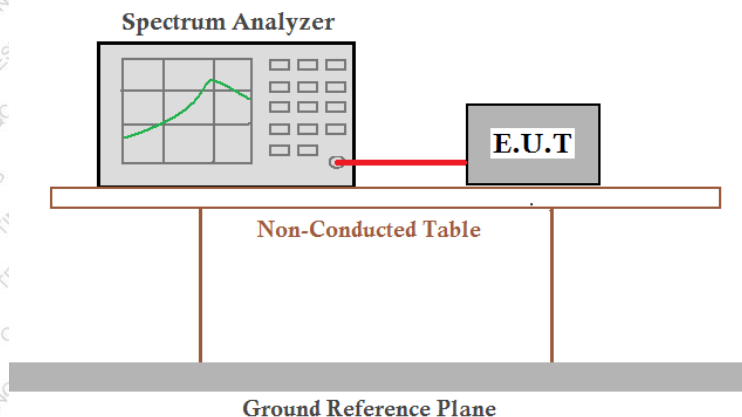
RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



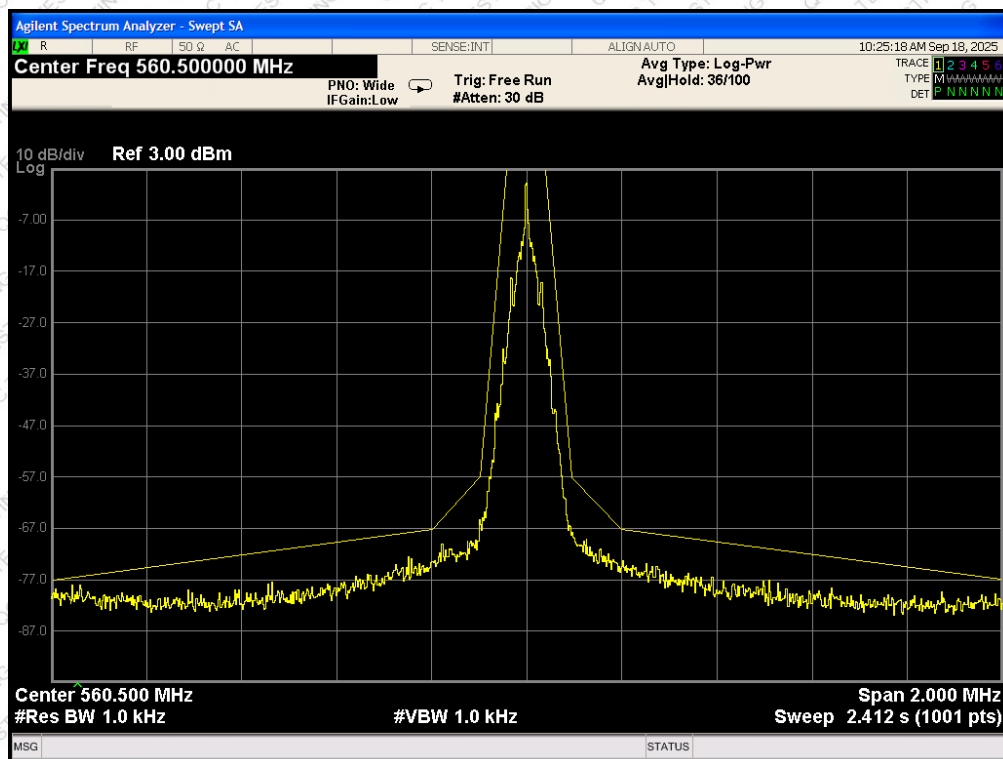
Emission within the band



9.4. TEST RESULT

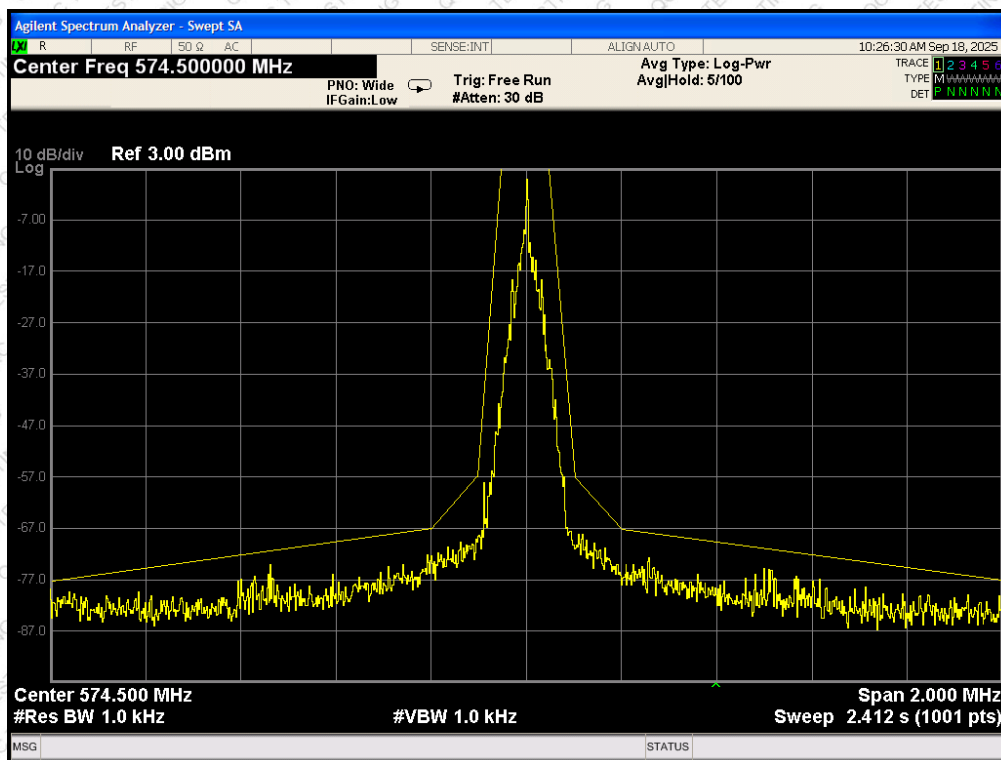


Emission within the band for 514.56MHz



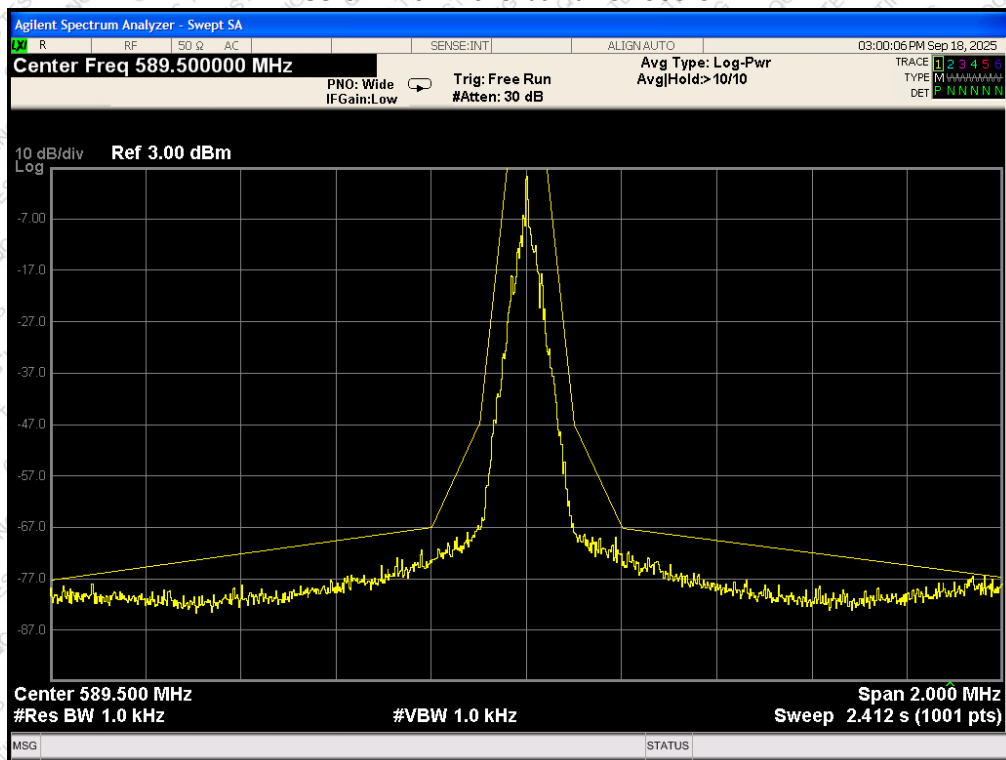


Emission within the band for 574.5MHz





Emission within the band for 589.5MHz



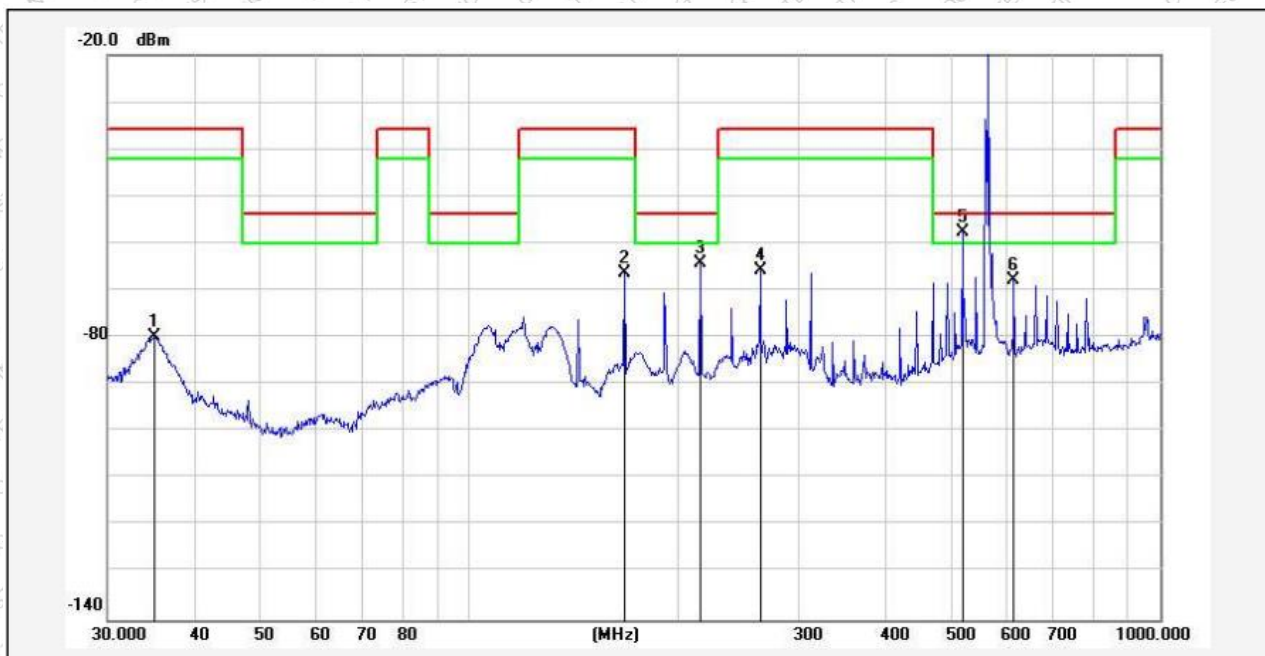
Note:

1. The manufacturer declared that the channel bandwidth is 200KHz.
2. The carrier power is the ref level, and the factor had been edited in the "Input Correction" of the Spectrum Analyzer.



Emission outside the band 30-1000MHz

Temperature:	25℃	Relative Humidity:	60%
Pressure:	986 Pa	Test Voltage:	Normal
Test Mode:	Mode 1	Polarization:	Horizontal

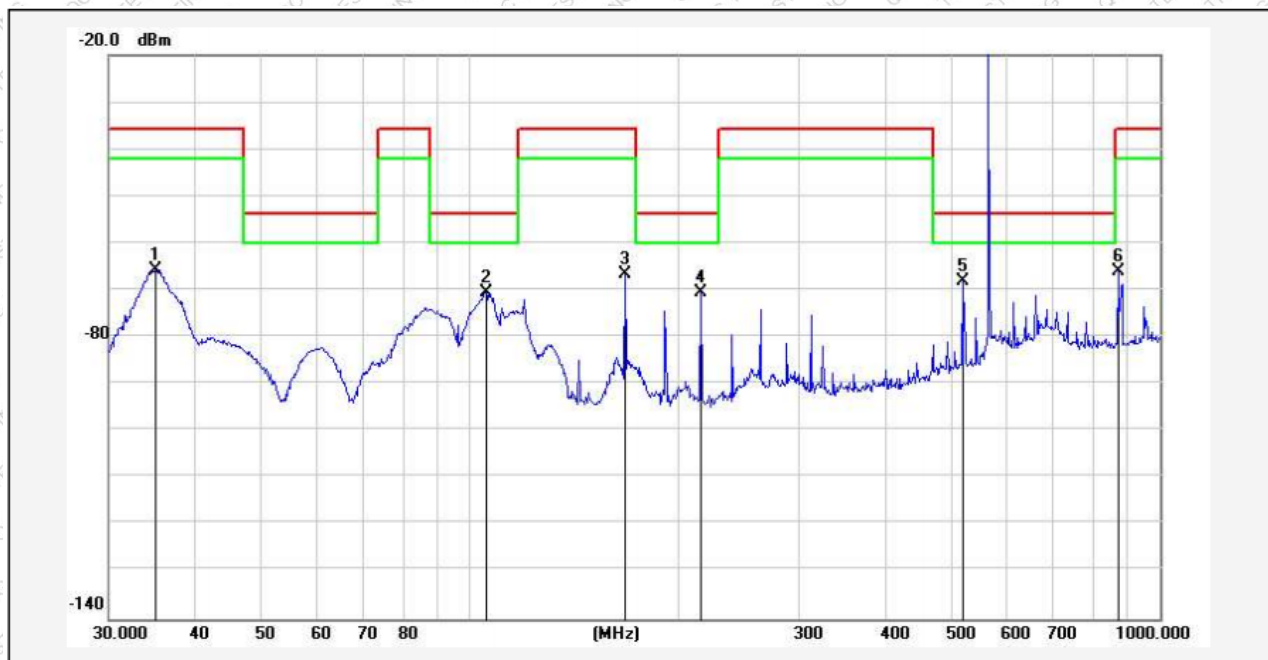


No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	35.0048	-68.28	-11.49	-79.77	-36.00	-43.77			peak
2	167.8243	-51.59	-14.72	-66.31	-36.00	-30.31			peak
3	216.0240	-48.84	-15.44	-64.28	-54.00	-10.28			peak
4	263.8190	-51.96	-13.83	-65.79	-36.00	-29.79			peak
5*	517.2480	-50.59	-7.00	-57.59	-54.00	-3.59			peak
6	614.2142	-62.08	-5.83	-67.91	-54.00	-13.91			peak

RESULT: PASS



Temperature:	25°C	Relative Humidity:	60%
Pressure:	986 Pa	Test Voltage:	Normal
Test Mode:	Mode 1	Polarization:	Vertical



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1	35.0048	-54.28	-11.49	-65.77	-36.00	-29.77			peak
2	105.2718	-53.40	-17.18	-70.58	-54.00	-16.58			peak
3	167.8243	-51.84	-14.72	-66.56	-36.00	-30.56			peak
4	216.0240	-55.16	-15.44	-70.60	-54.00	-16.60			peak
5*	517.2480	-61.17	-7.00	-68.17	-54.00	-14.17			peak
6	869.1302	-64.55	-1.59	-66.14	-36.00	-30.14			peak

RESULT: PASS

Note:

Factor=Antenna Factor + Cable loss, Margin=Limit-Level.

The "Factor" value can be calculated automatically by software of measurement system.

All test modes had been tested. The High power is the worst case and recorded in the report.



Emission outside the band above 1000MHz

Temperature:	25°C	Relative Humidity:	60%
Pressure:	986 Pa	Test Voltage:	Normal
Test Mode:	Mode 1	Polarization:	Horizontal/Vertical

1121.000	-35.26	-4.02	-39.28	-30	-9.28	Horizontal
1121.000	-40.45	-4.02	-44.47	-30	-14.47	Vertical
1681.500	-39.26	-1.95	-41.21	-30	-11.21	Horizontal
1681.500	-40.34	-1.95	-42.29	-30	-12.29	Vertical

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: PASS

Temperature:	25°C	Relative Humidity:	60%
Pressure:	986 Pa	Test Voltage:	Normal
Test Mode:	Mode 1	Polarization:	Horizontal/Vertical

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Value Type
1149.000	-35.55	-4.02	-39.57	-30	-9.57	Horizontal
1149.000	-40.65	-4.02	-44.67	-30	-14.67	Vertical
1723.500	-39.65	-1.95	-41.6	-30	-11.6	Horizontal
1723.500	-40.48	-1.95	-42.43	-30	-12.43	Vertical

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: PASS



Temperature:	25°C	Relative Humidity:	60%
Pressure:	986 Pa	Test Voltage:	Normal
Test Mode:	Mode 1	Polarization:	Horizontal/Vertical

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Value Type
1179.000	-36.48	-4.02	-40.5	-30	-10.5	Horizontal
1179.000	-41.12	-4.02	-45.14	-30	-15.14	Vertical
1768.500	-37.65	-1.95	-39.6	-30	-9.6	Horizontal
1768.500	-40.62	-1.95	-42.57	-30	-12.57	Vertical
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RESULT: PASS**Note:**

Other emissions from 1G to 6 GHz are considered as ambient noise. No recording in the test report.
 The “Factor” value can be calculated automatically by software of measurement system.
 All test modes had been tested. The High power is the worst case and recorded in the report.



10. PHOTO OF TEST

Refer to the Test Setup Photos for details.

11. EUT Constructional Details

Refer to the External Photos and Internal Photos for details.

----- THE END OF TEST REPORT -----